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Art Unit		1644
Examiner Name Nora		Maureen Rooney
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	2	WO2002022674	WO	A2	2002-03-21	Sturaro et al.		
	3	WO2002022679	WO	A2	2002-03-21	Sturaro et al.	also published as US2002064530 and US7029686	
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	1	Patentee's grounds of appeal, filed March 14, 2012, during opposition proceedings to EP1373510 (18 pages).						
	2	Patentee's submission in preparation of oral proceedings, filed July 20, 2011, during opposition proceedings to EP1373510 (73 pages).						
	3	Minutes of oral proceedings held in connection with opposition proceedings to EP1373510, dated November 4, 2011 (13 pages).						
	4	Interlocutory decision issued in connection with opposition proceedings to EP1373510, dated November 4, 2011 (31 pages).						
	5	Opponents submission dated March 7, 2012, filed during opposition to EP1373510 (62 pages).						
	6	Patentee's Ground of Appeal, filed October 21, 2011, during opposition proceeding to EP1062341 (34 pages).						

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7	Wikipedia entry for Protein Data Bank, printed September 17, 2011 (6 pages).	
8	Wikipedia entry for Accessible surface area, printed September 16, 2011 (4 pages).	
9	Opponent's submission dated March 5, 2012, filed during opposition proceedings to EP1062341, with selected attachments (80 pages).	
10	KING, Thesis entitled, "Modulation of the Allergenicity of a Major Peanut Allergen Ara h 2 By Site-Directed Mutagenesis of Its IgE Binding Epitopes" (1999) (136 pages).	
11	ASTURIAS et al., "Par j 1 and Par j 2, the major allergens from Parietaria judaica pollen, have similar immunoglobulin E epitopes", Clin. Exp. Allergy (2003); 33:518-524.	
12	BREITENEDER et al., "Four recombinant isoforms of Cor a I, the major allergen of hazel pollen, show different IgE-binding properties", Eur. J. Biochem. 212, 355-362 (1993).	
13	BURKS et al., "Mapping and mutational analysis of the IgE-binding epitopes on Ara h 1, a legume vicilin protein and a major allergen in peanut hypersensitivity", Eur. J. Biochem, 245, 334-339 (1997).	
14	GAJ, "Epitope mapping of the house-dust-mite allergen Der p 2 by means of site-directed mutagenesis", Allergy (1998), 53:165-172.	
15	HOLM et al., "Allergy Vaccine Engineering: Epitope Modulation of Recombinant Bet v 1 Reduces IgE Binding but Retains Protein Folding Pattern for Induction of Protective Blocking-Antibody Responses", The Journal of Immunology, pp5258-5267 (2004).	
16	JONES, "Learning Chemistry though Design and Construction", Published in UniServe Science News, 14, November, 3-7, 1999 (7 pages).	
17	LASKOWSKI, "SURFNET: A program for visualizing molecular surfaces, cavities, and intermolecular interactions", Journal of Molecular Graphics 13:323-330 (1995).	

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	18	NCBI, "The Statistics of Sequence Similarity Scores", downloaded from http://www.ncbi.nlm.nih.gov/BLAST/tutorial/Altschul-1.html September 16, 2011 (13 pages).							
	19	BERNSTEIN, "The Historical Context of RasMol Development", (2000) downloaded http://www.OpenRasMol.org/history.html (5 pages).							
	20		RCSB PDB, "About the PDB Archive and the RCSB PDB, downloaded from http://www.rcsb.org/pdb/static.do? p=general_information%2Fabout_pdb%2Findex.html, October 19, 2011 (1 page).						
	21	Fraczkiewicz and Braun, "Calculation of Solvent Accessible Surface Areas, Atomic Solvation Energies and Their Grandients for Macromolecules", The University of Texas Medical Branch, downloaded from http://curie.utmb.edu/getarea.html on October 14, 2011 (1 page).							
	22	Rodriguez et al., "Homology modeling, model and software evaluation: three related resources", downloaded from http://www.ncbi.nlm.nih.gov/pubmed/9694991 on October 20, 2011 (1 page).							
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